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1951

Carmarthen Urban Sanitary Authority

Seventy-Ninth

Annual Report

of the Sanitary Conditions of the County of the Borough of Carmarthen

by

ELFYN T. JONES
B.Sc., M.R.C.S., L.R.C.P., D.P.H.
Medical Officer of Health

"Mercury" Offices, Llanelly.

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PREFACE

To the Mayor, Aldermen and Members of the Council of the Borough of Carmarthen.

I beg to present my Annual Report for the year ended 31st December, 1951.

Housing continues to be the major problem confronting the Public Health Department and there does not appear to be any lessening in the number of families needing accommodation. The conditions of families continue to worsen as their children tend to grow older and the rate of building is far from satisfactory. It does appear that some form of non-traditional house construction will have to be adopted if housing construction is to be expedited and so alleviate more rapidly the present housing condition. In particular, efforts must be made to terminate the Hutted Camp at Ystrad Estate where conditions have deteriorated yearly, and the majority of huts long outlived their usefulness—in fact the cost of repairing and maintaining these huts is so much that its expenditure is almost unjustifiable.

As will be seen from my report a considerable quantity of water had to be abstracted from the River Gwili. This water needs adequate treatment before it can be used with safety by the population, and the arrangements and methods available for such treatment are not entirely satisfactory. This question of the town's water supply is an urgent one, and I must again emphasise the need for some means of adequate treatment to the water before it enters the mains to serve the town.

I would again urge the Council to consider providing facilities for outdoor recreation for both young and old. Such facilities are sadly lacking in the town and are most urgently needed.

I wish to gratefully acknowledge the work carried out by my Staff, and to thank the Members of the Council for the whole-hearted manner in which they have supported me.

I wish to thank my colleagues and their staff for their continued support and help.

I am,

Mr. Mayor, Mrs. White and Gentlemen,

Your obedient Servant,

ELFYN T. JONES,
Medical Officer of Health.

STAFF.

Medical Officer of Health :

ELFYN T. JONES, B.Sc., M.R.C.S., L.R.C.P., D.P.H.

Clerk to the County of the Borough of Carmarthen :

D. MYRDDIN THOMAS, Esq.

Borough Engineer and Surveyor :

E. GOOSEMAN, A.M.I.C.E., A.M.I.M.E. (Commenced duties 1/4/51).

Sanitary Inspector :

E. W. FRANCIS, M.R.S.I., M.S.I.A. (Meat Certificate).

Shops Inspector :

E. W. FRANCIS, Sanitary Inspector.

Food and Drugs Inspector for the Area :

D. R. WATKINS, Esq.

Public Health Department Clerks :

G. GRIFFITHS.
Miss M. DAVIES.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

The Carmarthen Urban District Authority is comprised of the Parish of St. Peter's and is 5,223 acres in extent. The area is largely rural, but is becoming increasingly urbanised.

Population, Rateable Value, etc.

The estimated mid-year Home-Population given by the Registrar-General for 1951 is 12,080.

The number of inhabited dwellings at the end of the year according to the Rate Book :—

Houses	.....	3195
Hutted Camps	.....	102

The rateable value of the Borough is £67,269 and the sum represented by a penny rate is £275.

Social Conditions

Carmarthen is a very old borough ; it is the county town of Carmarthenshire and is an agricultural centre. Due to its geographical situation, it is the hub of the county and an important centre, especially from a road communication point of view. Furthermore, it has become the main agricultural marketing centre for West Wales. Its cattle marts are becoming famous throughout the Country, and many dealers from all parts are constant visitors to them.

There has been no special industrial development during the year. The Dried Milk Products have a large factory established within the Borough boundary, and this factory receives on an average 40,000 gallons of milk daily. For six months of the year this milk is manufactured into the Dried Milk Products and Sterilized Tinned Milk, and for the other six months it is transported to the South Wales Valleys and London as liquid milk.

The main occupations are associated with agriculture, the railway, shop assistants, clerical work, garage workers and commercial travellers. There are a few mine workers living in the Borough who work outside the area.

Vital Statistics

	Total.	M.	F.	Birth rate per 1,000 estimated home population.
Live (Legitimate)	155	72	83	13.49
Births (Illegitimate)	8	5	3	

The Registrar-General provides us with a factor, which assists in converting the crude birth-rate into a standardised birth-rate which enables a comparison of the birth-rate in the Borough with that in other areas to be made. The factor given is 1.03 and the standardised birth-rate hence becomes 13.89.

Birth rate comparison with other areas

	Birth-rate.
Borough of Carmarthen	13.89
England and Wales	15.5
126 County Boroughs and Great Towns (including London)	17.3
148 Smaller Towns	16.7
London Administrative County	17.8

	Total.	M.	F.	Rate per 1,000 (Live and Still Births).
Still Births	2	1	1	12.12

The Still-Birth rate per 1,000 Home Population—0.16.

For comparison purposes with the still-birth rates in other areas the above rate of 0.16 still becomes 0.16, i.e. after taking into account the comparability factor given by the Registrar-General.

Still-Birth rate comparison with other areas

	Still-Birth rate.
Borough of Carmarthen	0.16
England and Wales	0.36
126 County Boroughs and Great Towns (including London)	0.45
148 Smaller Towns	0.38
London Administrative County	0.37

	Total.	M.	F.	Rate per 1,000 estimated home population.
Deaths	158	81	77	13.08

The Registrar-General provides us with a factor, which assists in converting the crude death-rate into a standardised death-rate which enables a comparison of the death-rate in the Borough with that in other areas to be made. The factor given is 1.06 and the standardised death rate hence becomes 13.86.

Death rate comparison with other areas

	Death rate.
Borough of Carmarthen	13.86
England and Wales	12.5
126 County Boroughs and Great Towns (including London)	13.4
148 Smaller Towns	12.5
London Administrative County	13.1

Infant Mortality

Deaths of infants under one year of age (M. 2 ; F. 1)	3
Live births during the year (Legitimate and Illegitimate)	163
Death rate of all infants per 1,000 live births	18.40
Death rate of Legitimate infants per 1,000 Legitimate live births	12.90
Death rate of Illegitimate infants per 1,000 Illegitimate live births	125.00

On taking into account the comparability factor of 1.06 provided by the Registrar-General which enables a comparison of the death-rate in the Borough with that in other areas to be made, the death-rate of infants under the age of one year in the Borough becomes 19.50.

Comparison of Infant Mortality Rates

Borough of Carmarthen	19.50
England and Wales	29.6
126 County Boroughs and Great Towns (including London)	33.9
148 Smaller Towns	27.6
London Administrative County	26.4

Causes of Infant Deaths

Congenital malformation	1
Broncho Pneumonia	1
Prematurity	1

Ages at which Infant Deaths occurred

Under 1 day	1
7 days to 14 days	1
3 months to 4 months	1

Maternal Deaths

No maternal deaths occurred during the year.

CAUSES OF DEATHS, 1951

Causes of Deaths.	Males.	Females.	Total.	Death rate per 1,000 Home Population.
Tuberculosis (Respiratory)	2	—	2	0.1655
Tuberculosis (Other)	1	1	2	0.1655
Syphilitic disease	1	—	1	0.0828
Diphtheria	—	—	—	—
Whooping Cough	—	—	—	—
Meningococcal infections	—	—	—	—
Acute poliomyelitis	—	—	—	—
Measles	—	1	1	0.0828
Other infective and parasitic diseases	—	—	—	—
Malignant neoplasm, stomach	2	4	6	0.4967
Malignant neoplasm, lung, bronchus	3	1	4	0.3311
Malignant neoplasm, breast	—	1	1	0.0828
Malignant neoplasm, uterus	—	1	1	0.0828
Other malignant and lymphatic neoplasms	6	7	13	1.0762
Leukaemia, aleukaemia	—	—	—	—
Diabetes	—	—	—	—
Vascular lesions of nervous system	5	16	21	1.7384
Coronary disease, angina	21	5	26	2.1506
Hypertension with heart disease	6	8	14	1.1589
Other heart disease	7	9	16	1.3245
Other circulatory disease	2	2	4	0.3311
Influenza	2	6	8	0.6623
Pneumonia	1	2	3	0.2483
Bronchitis	9	5	14	1.1589
Other diseases of respiratory system	1	—	1	0.0828
Ulcer stomach and duodenum	1	1	2	0.1655
Gastritis, enteritis and diarrhoea	—	1	1	0.0828
Nephritis and nephrosis	1	1	2	0.1655
Hyperplasia of prostate	—	—	—	—
Pregnancy, child-birth, abortion	—	—	—	—
Congenital malformations	1	—	1	0.0828
Other defined and ill-defined diseases	7	4	11	0.9106
Motor vehicle accidents	2	—	2	0.1655
All other accidents	—	1	1	0.0828
Suicide	—	—	—	—
Homicide and operations of war	—	—	—	—
Total	81	77	158	13.08

Cancer

During the year twenty-five persons died from Cancer. The age group affected are as follows :—

50—55 years	2
55—60 years	2
60—65 years	5
65—70 years	4
70—75 years	5
75 years and over.....	7
Total	25

Cancer—Parts of the Body Involved

	No. of cases. M.	F.	Total.
Malignant neoplasm—stomach	2	4	6
Malignant neoplasm—lung, bronchus	3	1	4
Malignant neoplasm—breast	—	1	1
Malignant neoplasm—uterus	—	1	1
Other malignant and lymphatic neoplasms	6	7	13
			25

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Laboratory Facilities

As in former years the Public Health Laboratory Service has proved of inestimable value to the Borough health services, especially in connection with the investigation and control of infectious disease.

Once again I should like to pay tribute to Dr. W. Kwantes, the Director of the Public Health Laboratory, for his ready co-operation whenever called upon to assist the Public Health Department.

Ambulance Facilities

This service is under the control of the County Council, and the Station in the Borough of Carmarthen is one of the links in the County Scheme which serves the whole County.

Hospital Accommodation

Infectious Diseases

The Infectious Diseases Hospital is situated at Upper Tumble, Nr. Llanelly, and is under the control of the Regional Hospital Board.

General Hospital Facilities

Hospital facilities are available at Priory Street and at Glangwili and both hospitals are known as the West Wales General Hospital. This hospital provides treatment for general medical and surgical diseases for the whole of the West Wales area. During the year representations were made to the Welsh Regional Hospital Board with a view to the provision of more hospital accommodation for the nursing of the chronic sick and aged. It is understood that the Board realise the need for extra accommodation and are taking steps to provide such accommodation as soon as practicable.

Maternity

Although at times difficulty was experienced in connection with the availability of beds for expectant mothers, the service on the whole was satisfactory for the inhabitants of the Borough.

Venereal Diseases

The Regional Hospital Board is now responsible for the treatment of Venereal Disease. There are no clinics in the Borough, the nearest being at Llanelly.

SANITARY CIRCUMSTANCES OF THE AREA

Administration of the Factories Acts, 1937 and 1948

Duties of the Sanitary Authority under the Factories Acts have been carried out by the Sanitary Inspector as part of his routine work, and a close liaison has been maintained with the Inspector of Factories.

PART I OF THE ACT.

1. **Inspections** for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises. (1)	M/c line No. (2)	Number on Register. (3)	Number of			M/c line No. (7)
			Inspections. (4)	Written notices. (5)	Occupiers prosecuted. (6)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	28	28	Nil.	Nil.	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	81	86	Nil.	Nil.	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	—	—	—	—	3
Total		109	114	Nil.	Nil.	

CASES IN WHICH DEFECTS WERE FOUND.

Particulars. (1)	M/c line No. (2)	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted. (7)	M/c line No. (8)
		Found. (3)	Remedied. (4)	Referred			
				To H.M. Inspector. (5)	By H.M. Inspector. (6)		
Want of Cleanliness (S.1)	4	2	2	Nil	2	Nil	4
Overcrowding (S.2)	5	Nil	Nil	Nil	Nil	Nil	5
Unreasonable temperature (S.3)	6	Nil	Nil	Nil	Nil	Nil	6
Inadequate ventilation (S.4)	7	Nil	Nil	Nil	Nil	Nil	7
Ineffective drainage of floors (S.6)	8	Nil	Nil	Nil	Nil	Nil	8
Sanitary Conveniences (S.7) :—							
(a) insufficient	9	3	3	Nil	3	Nil	9
(b) Unsuitable or defective	10	Nil	Nil	Nil	Nil	Nil	10
(c) Not separate for sexes	11	Nil	Nil	Nil	Nil	Nil	11
Other offences against the Act (not including offences relating to Out-work)	12	Nil	Nil	Nil	Nil	Nil	12
Total	60	5	5	Nil	5	Nil	60

PART VIII OF THE ACT.

OUTWORK.

(Sections 110 and 111).

Nature of Work. (1)	M/c line No. (2)	SECTION 110. No. of outworkers in August List required by Sect. 110 (1) (c) (3)	SECTION 110. No. of cases of default in sending lists to the Council. (4)	SECTION 110. No. of prosecutions for failure to supply lists. (5)	SECTION 111. No. of instances of work in unwholesome premises. (6)	SECTION 111. Notices served. (7)	SECTION 111. Prosecutions. (8)	M/c line No. (9)
Wearing apparel :—								
Making, etc.	13	2	Nil	Nil	Nil	Nil	Nil	13
Cleaning and washing	14	Nil	Nil	Nil	Nil	Nil	Nil	14
Household linen	15	Nil	Nil	Nil	Nil	Nil	Nil	15
Lace, lace curtains and nets	16	Nil	Nil	Nil	Nil	Nil	Nil	16
Curtains and furniture hangings	17	Nil	Nil	Nil	Nil	Nil	Nil	17
Furniture and upholstery	18	Nil	Nil	Nil	Nil	Nil	Nil	18
Electro-plate	19	Nil	Nil	Nil	Nil	Nil	Nil	19
File making	20	Nil	Nil	Nil	Nil	Nil	Nil	20
Brass and brass articles	21	Nil	Nil	Nil	Nil	Nil	Nil	21
Fur pulling	22	Nil	Nil	Nil	Nil	Nil	Nil	22
Iron and steel cables and chains	23	Nil	Nil	Nil	Nil	Nil	Nil	23
Iron and steel anchors and grapnels	24	Nil	Nil	Nil	Nil	Nil	Nil	24
Cart gear	25	Nil	Nil	Nil	Nil	Nil	Nil	25
Locks, latches and keys	26	Nil	Nil	Nil	Nil	Nil	Nil	26
Umbrellas, etc.	27	Nil	Nil	Nil	Nil	Nil	Nil	27
Artificial flowers	28	Nil	Nil	Nil	Nil	Nil	Nil	28
Nets, other than wire nets	29	Nil	Nil	Nil	Nil	Nil	Nil	29

Nature of Work. (1)	M/c line No. (2)	SECTION 110. No.of outworkers in August List required by Sect. 110 (1) (c) (3)	No. of cases of default in sending lists to the Council. (4)	No. of prosecutions for failure to supply lists. (5)	SECTION 111. No. of instances of work in unwholesome premises. (6)	Notices served. (7)	Prosecutions. (8)	M/c line No. (9)
Tents	30	Nil	Nil	Nil	Nil	Nil	Nil	30
Sacks	31	Nil	Nil	Nil	Nil	Nil	Nil	31
Racquet and tennis balls	32	Nil	Nil	Nil	Nil	Nil	Nil	32
Paper bags	33	Nil	Nil	Nil	Nil	Nil	Nil	33
The making of boxes or other receptacles or parts thereof made wholly or partially of paper	34	Nil	Nil	Nil	Nil	Nil	Nil	34
Brush making	35	Nil	Nil	Nil	Nil	Nil	Nil	35
Pea picking	36	Nil	Nil	Nil	Nil	Nil	Nil	36
Feather sorting	37	Nil	Nil	Nil	Nil	Nil	Nil	37
Carding, etc., of buttons, etc.	38	Nil	Nil	Nil	Nil	Nil	Nil	38
Stuffed toys	39	Nil	Nil	Nil	Nil	Nil	Nil	39
Basket making	40	Nil	Nil	Nil	Nil	Nil	Nil	40
Chocolates and sweetmeats	41	Nil	Nil	Nil	Nil	Nil	Nil	41
Cosaques, Christmas crackers, Christmas stockings, etc.	42	Nil	Nil	Nil	Nil	Nil	Nil	42
Textile weaving	43	Nil	Nil	Nil	Nil	Nil	Nil	43
Lampshades	44	Nil	Nil	Nil	Nil	Nil	Nil	44
Total	70	2	Nil	Nil	Nil	Nil	Nil	70

SAMPLING OF WATER SUPPLIES

Results of samples taken during the year are as follows :—

Source.	Result.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (47, St. David's Avenue)	Unsatisfactory.
Borough Supply (Municipal Buildings, John Street)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (47, St. David's Avenue)	Unsatisfactory.
Borough Supply (Municipal Buildings, John Street)	Satisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Unsatisfactory.
Borough Supply (The Public Health Laboratory, Penlan Road)	Satisfactory.
Borough Supply (Municipal Buildings, John Street)	Satisfactory.
Borough Supply (47, St. David's Avenue)	Satisfactory.
Borough Supply (Municipal Buildings, John Street)	Satisfactory.
Borough Supply (Slaughterhouse)	Satisfactory.
Borough Supply (91, Lammas Street)	Unsatisfactory.
Borough Supply (47, St. David's Avenue)	Satisfactory.
Borough Supply (Municipal Buildings, John Street)	Unsatisfactory.
Borough Supply (Agricultural Depot, Glangwili)	Unsatisfactory.
Borough Supply (Slaughterhouse)	Satisfactory.
Borough Supply (Municipal Buildings, John Street)	Satisfactory.

During the months of July and August it was found necessary to abstract nearly 14,000,000 gallons of water from the River Gwili in order to ensure that an adequate quantity of water would be available for the inhabitants of the Borough. To ensure the safety of the supply numerous samples of water were taken at varying points in the Borough and submitted for bacteriological examination. As will be seen from the above summary quite a number of these samples proved to be unsatisfactory.

I cannot stress too strongly that the need for some form of filtration (e.g. by pressure filters) is most urgently needed at the Cwmtawel Reservoir. The present method of allowing purification of water to be carried out by contact with chlorine in the service mains is fundamentally unsound. The capacity of the Cwmtawel Reservoir is such that in times of drought it cannot possibly hold

sufficient water for the supply of the town, and therefore, abstraction of water from the River Gwili must tend to become an integral part of the town's water supply.

In my opinion no delay should occur in the erection of pressure filters at Cwmtawel Reservoir.

The Borough Engineer and Surveyor reports as follows :—

1. **Water Supply**

(a) The water supply for the whole area of supply has been satisfactory in quantity. Pumping from the River Gwili was carried out in the months of July and August for 980 hours abstracting a total of 13,720,000 gallons during that period.

(b) There has been no evidence of contamination of any supply.

(c) Details of water connections :—

Dwelling houses (including hutted camps)	2900
House and Shops	171
Hotels and Public Houses	54
Garages, Offices, Stores, etc.	271
Shops	69
Schools, Churches, Chapels	44
(i) Population supplied by house connections	10000
(ii) Population supplied by Standpipes	550

This excludes St. David's Hospital where there is a private supply, with a population of approximately 1,000.

(d) Crispin House Site Watermain—215 yds. linl. 3-in. dia. watermain. College Road Extension—375 yds. linl. 3-in. dia. watermain. Lon Hir Extension—70 yds. linl. 3-in. dia. watermain.

Approximately 2,400 yds. of watermains in North Parade Road, The Esplanade, The Avenue, Penuel Street, John Street, Red Street, Cambrian Place, Chapel Street, Mill Street, Blue Street, Sawmill Terrace and Penllwyn Park were cleaned by rotary scraping during the year.

2. **Sewerage and Sewage Disposal**

340 yds. linl. of 9-in. dia. sewer was completed in the Crispin Housing Site during the year.

No other work was carried out during the year.

3. **Housing** (Position at 31st December, 1951)

Ring Road Site :

Houses occupied	28
Houses in course of erection	24
Flats occupied	Nil
Flats in course of erection	16

Crispin Housing Site :

Houses in course of erection	32
Flats in course of erection	16

Bronwydd Road Temporary Accommodation (Hutted Camp) :

Dwellings occupied	26

Ystrad Tywi Temporary Accommodation (Hutted Camp) :

Dwellings occupied	76

4. **Housing Act, 1949**

No. of applications received for Improvement Grant	2
No. of these applications finally approved	None
No. of these applications disapproved	1

Numbers of all cases of Infectious and other Notifiable Diseases originally notified during the year 1951, and of the final numbers according to Sex and Age after Corrections subsequently made either by the Notifying Medical Practitioner or by the Medical Superintendent of the Infectious Diseases Hospital.

	Scarlet Fever.		Whooping Cough.		Acute Poliomyelitis				Measles (excluding rubella).		Diphtheria.	
					Paralytic.		Non-Paralytic.					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Numbers originally notified Total (all ages)	5	2	21	18	2	—	1	—	108	124	—	—
Final numbers after correction : Under 1 year	—	—	8	2	—	—	—	—	6	4	—	—
1—2 years	1	—	4	2	—	—	—	—	16	24	—	—
3—4 years	2	1	5	8	2	—	—	—	39	38	—	—
5—9 years	1	1	5	5	—	—	—	—	42	47	—	—
10—14 years	—	—	—	—	—	—	—	—	3	6	—	—
15—24 years	—	—	—	—	—	—	—	—	1	2	—	—
25 and over	—	—	—	—	—	—	—	—	1	2	—	—
Age unknown	—	—	—	1	—	—	—	—	2	2	—	—
Total (All Ages)	4	2	22	18	2	—	—	—	110	125	—	—

	Ac. Pneumonia.		Dysentery.		Smallpox.		Acute encephalitis.				Enteric or Typhoid Fever.	
							Infective.		Post-infectious.			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Numbers originally notified Total (All Ages)	30	22	8	4	—	—	—	—	—	—	—	—
Final numbers after correction :												
Under 5 years	3	6	3	1	—	—	—	—	—	—	—	—
5—14 years	4	—	3	1	—	—	—	—	—	—	—	—
15—44 years	3	1	2	1	—	—	—	—	—	—	—	—
45—64 years	8	7	—	1	—	—	—	—	—	—	—	—
65 and over	10	7	—	—	—	—	—	—	—	—	—	—
Age unknown	2	1	—	1	—	—	—	—	—	—	—	—
Total (All Ages)	30	22	8	5	—	—	—	—	—	—	—	—

	Paratyphoid fevers.		Erysipelas.		Meningococcal infection.		Food poisoning.	
	M.	F.	M.	F.	M.	F.	M.	F.
Numbers originally notified : Total (All Ages)	—	—	—	—	—	—	—	—
Final numbers after correction :								
Under 5 years	—	—	—	—	—	—	—	—
5—14 years	—	—	—	—	—	—	1	—
15—44 years	—	—	—	—	—	—	1	2
45—64 years	—	—	—	—	—	—	—	—
65 and over	—	—	—	—	—	—	—	—
Age unknown	—	—	—	—	—	—	—	—
Total (All Ages)	—	—	—	—	—	—	2	2

Other notifiable diseases.	Originally Notified.		Final numbers after corrections.	
	M.	F.	M.	F.
Puerperal pyrexia	—	—	—	—
Ophthalmia neonatorum	—	—	—	—

INFECTIOUS DISEASES

Diphtheria

No case of Diphtheria occurred during the year.

I would like to utter one word of warning. It is some years now since we had a case of Diphtheria in the Borough, and I fear that parents are tending to forget the seriousness of this disease and also the value of immunisation.

The present state of freedom from Diphtheria is entirely due to the immunisation which has taken place during the last ten years, but if the state of immunity of the child population is permitted to fall then Diphtheria will occur again. I cannot stress too strongly the need for the immunisation of all children and also the value of the ' booster ' or ' re-inforcing ' doses at five or eight years of age.

Infantile Paralysis

During the year two cases of infantile paralysis occurred. The two cases in question were boys, one aged 3½ years and the other 4 years. Both cases were of the paralytic type, and were removed to the West Wales Isolation Hospital, Upper Tumble, Llanelly for treatment, each boy having slight paralysis of a leg.

Pneumonia

Fifty cases of Pneumonia occurred during the first Quarter of the year. They were all notified as Influenzal Pneumonia, and were obviously a part of the general Influenza epidemic which was prevalent throughout the Country at the time.

Measles

During the year an outbreak of Measles occurred in the Borough. There was a total of 235 cases, and of this number 166 cases occurred in children between three and nine years of age. Unfortunately one child died from the disease.

Food Poisoning

One small outbreak of Food Poisoning occurred in the Borough during the year. This occurred in a party of four persons who had all partaken of some tinned meat which most obviously had been allowed to stand for a considerable period on a hot day, and furthermore it was doubtful whether it had been kept in a covered receptacle so as to prevent contamination from flies.

IMMUNISATION AGAINST DIPHTHERIA

The following statistics have been received from the County Medical Officer of Health relative to children in the Borough immunised during the year :—

Children aged 0—4 years who completed full primary course—126
Children aged 5—14 years who completed full primary course—160
Number who received a " re-inforcing " injection—243.

SCHOOLS

The Local Education Authority is the County Council. There are 6 Primary Schools (9 Departments) and 2 Secondary Schools within the Borough.

Schools closed on account of Infectious Diseases

No Schools were closed on account of Infectious Diseases during the year.

TUBERCULOSIS.

	MALES.		FEMALES.		
	Pul-monary.	Non-Pul-monary	Pul-monary	Non-Pul-monary	Total
Number of cases of Tuberculosis on the Register at the commencement of the year	72	14	38	17	141
Number of cases notified under the Tuberculosis Regulations for the first time during the year	8	2	7	2	19
Number of cases restored to the Register having been removed previously	—	—	—	—	—
Number of cases added to the Register and brought to notice otherwise than by formal notification	2	—	—	—	2
Number of cases removed from the Register during the year.....	33	9	15	8	65
Number of cases remaining on the Register at the end of the year, 1951	49	7	30	11	97

It will be seen from the above table that the number of cases on the Tuberculosis Register at the end of the year shows a considerable decrease as compared with the number of cases on the Register at the commencement of the year. This is accounted for by the fact that during the year the Register was brought up-to-date and checked with the Registers of the County Medical Officer of Health and Tuberculosis Officer. As a result of this, persons who had died, or had been discharged as recovered, or had left the town, were removed from the Register, and a more accurate picture of the present position of tuberculosis amongst the population was obtained.

During the year the Mass Radiography Unit visited Carmarthen for a period of one week. The first three days were devoted to the Radiographing of the general public, the remaining two days being devoted to further examination of doubtful cases found at the beginning of the week.

The effort was a joint one between the Borough and Rural District Councils, and the response was exceptionally good, as will be seen from the following figures :—

No. of persons from the Borough X-Rayed—710.

NEW CASES OF, AND MORTALITY FROM TUBERCULOSIS, 1951.

Age Period in Years.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1	—	—	—	—	—	—	—	—
1—5	—	—	—	1	—	—	—	1
5—15	1	—	1	1	—	—	1	—
15—25	2	1	—	—	—	—	—	—
25—35	4	2	1	—	—	—	—	—
35—45	1	1	—	—	1	—	—	—
45—55	—	3	—	—	—	—	—	—
55—65	2	—	—	—	1	—	—	—
65—75	—	—	—	—	—	—	—	—
75 and over	—	—	—	—	—	—	—	—
Totals	10	7	2	2	2	—	1	1

Rate per 1,000 Home Population of Notifications and Deaths.

Year.	Notifications (New Cases).	Deaths.
1946	2.05	0.87
1947	1.96	0.78
1948	1.12	0.32
1949	1.91	0.79
1950	2.21	0.47
1951	1.74	0.33

During the year 21 new cases of tuberculosis were notified. Sixteen of these cases occurred in persons under the age of 45 years, and the actual number of these cases in their age groups was as follows :—

1—5 years	1 case.
5—15 years	3 cases.
15—25 years	3 cases.
25—35 years	7 cases.
35—45 years	2 cases.

Hospital facilities for the treatment of persons suffering from Tuberculosis is still inadequate. From a housing point of view an effort is being made to meet such cases by making a percentage of new houses available for the rehousing of such persons.

Milk and Dairies Regulations, 1949

The enforcement of the Milk and Dairies Regulations, 1949 is now the duty of the Ministry of Agriculture and Fisheries, but the Local Authority carries out the supervision of milk vendors.

ICE-CREAM

As during the previous year the manufacture and sale of Ice-Cream in the Borough has been carried out in accordance with the Ice-Cream (Heat Treatment, etc.) Regulations, 1947 and 1948. The premises of Ice-Cream retailers and manufacturers are regularly visited and supervised, and samples are taken to ascertain the purity of the supplies. The results of samples taken were on the whole satisfactory.

The number of Ice-Cream retailers in the Borough at the end of the year was 37, and there were 3 Ice-Cream manufacturers.

NATIONAL ASSISTANCE ACT, 1948

As during the previous year no case called for action to be taken by the Borough Council under Section 47 of the above Act, i.e., removal to suitable premises of a person in need of care and attention.

SANITARY INSPECTION OF THE AREA.

GENERAL SANITATION.

Nature of Visit or Inspection.	No. of Visits.
Water Supplies	14
Drainage	29
Offensive Trades	1
Tents, Vans, Sheds	4
Bakehouses	14
Public Conveniences	24
Refuse Collection	1
Refuse Disposal	—
Rats and Mice	346
Schools	—
Miscellaneous Sanitary Visits	125

HOUSING.

Nature of Visit or Inspection.	No. of Visits.
Under Public Health Acts.	
Number of houses inspected	49
Visits paid to above houses	63
Under Housing Acts.	
Number of houses inspected	—
Visits paid to above houses	—
Overcrowding.	
Number of houses inspected	67
Visits paid to above houses	67
Verminous Premises.	
Number of houses inspected	3
Visits paid to above houses	3
Miscellaneous housing visits	313

INFECTIOUS DISEASES.

Inquiries in cases of Infectious Disease	14
Miscellaneous Infectious Disease Visits	—
No. of rooms disinfected	11
No. of times Steam Disinfector used	5

MEAT AND FOOD INSPECTION.

Inspection of Meat and Meat Shops.

Nature of Visit or Inspection.	No. of Visits.
No. of Slaughterhouses in area	1
No. of Slaughterhouses visited	1
No. of visits made to above Slaughterhouse	160
No. of visits to butchers	7
No. of visits to Shops and Stalls	17

Foodstuffs condemned by the Sanitary Inspector at Shops, etc. (excluding the Slaughterhouse) :

Tinned Vegetable Products	684 tins.
Tinned Fruit Products	803 tins.
Tinned Milk Products	327 tins.
Tinned Fish Products	76 tins.
Tinned Meat Products	644 tins.

Sugar—112 lbs. (Demerara).
Packets Pudding Mixture—164.
Chips of Cherries—60.

Chips of Tomatoes—11.
Jars Bloater Paste—257.
46 10 lb. tins of Cooked Ham.
4 Ducks.
2 Tinned Chickens.
16 lbs. Cheese.
3 stone of Cod.
1 Tinned Cake.
1 lb. Ham.
Jars of Liquid Mustard—78.
Packets of Wheatflakes—27.

Ice Cream Premises :

No of visits for purposes of inspection and sampling	72

Milk and Dairies Regulations, 1949:

No. of retail purveyors in area	8

NOTICES SERVED.

Under the Housing Acts.

No. of informal notices served	Nil.
No. of informal notices complied with	Nil.
No. of formal notices served	Nil.
No. of formal notices complied with	Nil.

Under the Public Health Acts.

No. of informal notices served	27
No. of informal notices complied with	23
No. of formal notices served	4
No. of formal notices complied with	3

HOUSING.

1. **Inspection of dwelling houses during the year.**

		Nature of Visit or Inspection.	No. of Visits.
(1)	(a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	116
	(b)	Number of Inspections made for the purpose	116
(2)	(a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing (Consolidated) Regulations, 1925	63
	(b)	Number of inspections made for the purpose	63

Nature of Visit or Inspection.	No. of Visits.
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	6
(4) Number of dwelling houses (exclusive to those referred to under the preceding sub-head) found not to be in all respect reasonably fit for human habitation	31

2. Remedy of defects during the year without Service of formal Notices.

Number of defective dwelling houses rendered fit in consequence of informal action by the local authority or their officers	30

3. Action under Statutory Powers during the year.

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

(1) Number of dwelling houses in respect of which notices were served requiring repairs	Nil.
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) by owners	Nil.
(b) by Local Authority in default of owners	Nil.

B.—Proceedings under Public Health Acts.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	27
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) by owners	26
(b) by Local Authority in default of owners	1

C.—Proceedings under Section II and 13 of the Housing Act, 1936.

(1) Number of dwelling houses in respect of which Demolition Orders were made	Nil.
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	Nil.

D.—Proceedings under Section 12 of the Housing Act, 1936.

(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil.
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or rooms having been rendered fit	Nil.

4. **Housing Act, 1936—Part IV.—Overcrowding.**

(a)	(i)	Number of dwellings overcrowded at the end of the year	167
	(ii)	Number of families dwelling therein	198
	(iii)	Number of persons dwelling therein	594
(b)	(i)	Number of new cases of overcrowding reported during the year	31
(c)	(i)	Number of cases of overcrowding relieved during the year	12

CARCASES INSPECTED AND CONDEMNED.

	Cattle, including Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed, if known	1441	4530	6977	399
Number inspected	1441	4530	6977	399
ALL DISEASES EXCEPT TUBERCULOSIS.				
Whole carcases condemned	29	39	22	10
Carcases of which some part or organ was condemned	21	2	1	—
Percentage of the number inspected affected with disease other than T.B.	3.47%	.90%	.33%	.25%
TUBERCULOSIS ONLY.				
Whole carcases condemned	12	—	—	—
Carcases of which some part or organ was condemned	25	—	—	1
Percentage of the number inspected affected with T.B.	2.56%	—	—	.02%

As in former years the Sanitary Inspectors employed by the Rural District Council assist in the inspection of meat at the Borough Slaughterhouse. A satisfactory rota system has been worked out whereby a Sanitary Inspector is always available to carry out meat inspection, even at short notice, e.g. when a beast which has been injured is brought in for slaughtering.

FOOD AND DRUGS ACT

Mr. D. R. Watkins, Chief Inspector with the County Council, has submitted the following report on work done within the Borough of Carmarthen :—

Total number of samples submitted to the Public Analyst for analysis 95

Milk Samples

Number submitted	41
Number certified genuine	39
Number certified deficient in fat	2

One sample of milk was certified to be 19% deficient in fat and was followed up by taking " appeal to cow " samples at the farm. These " appeal to cow " samples were not of a very good quality and in the circumstances it was considered inadvisable to take legal action. The vendor was warned as also was the vendor of the other sample which was 6% deficient in fat.

Samples of miscellaneous articles of Food and Drugs

Number submitted	54
Number certified genuine	50
Number certified to be in an unsound condition	4

A sample of Barley Flakes was certified to be infested with book-lice. A sample of Soup Powder was certified to be infested with maggots and two samples of Cake and Pudding Mixtures were infested with meal mite. The traders concerned were instructed to dispose of the articles immediately other than for human consumption.

The Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949

The one creamery in the area licensed by the County Council to pasteurise milk was visited regularly during the year. Sixteen samples of pasteurised milk were taken at this creamery. All of them were reported to be satisfactory.

AMOUNT OF SHIPPING ENTERING THE PORT SANITARY DISTRICT DURING THE YEAR, 1951

There is nothing to report under any of the headings.